

BARRY GLASSMAN
HARFORD COUNTY EXECUTIVE

BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



KAREN D. ROTTMANN, CPPB
DIRECTOR OF PROCUREMENT

DEPARTMENT OF PROCUREMENT

INVITATION FOR BIDS NO. 15-089

REPAIR AND RESURFACING OF HARMONY TERRACE, ETC.

Addendum No. 2

January 20, 2015

Ladies and Gentlemen:

The purpose of this addendum is to provide clarification(s) to all prospective proposers.

QUESTION NO. 1: On page GI-4, #13 & #14 state that the Performance and Payment Bonds are to be "in the amount of 95% of the contract,". Is the contract amount the amount of the awarded bid or is it the final contract price?

ANSWER NO. 1: The Performance and Payment Bonds should be for 95% of the bid amount. The Maintenance Bond should be for 10% of the total contract amount. If there is a significant dollar increase in the project, Harford County reserves the right to ask for an updated Performance Bond and Payment Bond to cover the increase cost.

Please see the attached for further clarification and Pre-Bid Meeting Minutes.

Sincerely,

Daniel J. Guthrie, CPPB
Procurement Agent

DJG/kmd

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220 South Main Street, Bel Air, Maryland 21014

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BARRY GLASSMAN
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BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



TIMOTHY F. WHITTIE, P.E.
DIRECTOR OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS AND STORMWATER MANAGEMENT

MEMORANDUM

JANUARY 16, 2015

TO: Karen D. Rottmann, CPPB
Director, Department of Procurement

THRU: Timothy F. Whittie, P.E.
Director of Public Works

f H. Hudson Myers, III, P.E.
Deputy Director of Public Works

Jeffrey M. Stratmeyer, P.E.
Chief Engineer

FROM: Glen C. Hebel, P.E.
Project Manager

**SUBJECT: BID #15-089 - Repair & Resurfacing of: Harmony Terrace, Etc.
Addendum #2**

It is requested that your office issue Addendum #2, for the above referenced project to include the following revisions:

1. Remove Page 1-2 and replace with revised Page 1-2 correcting #3 under the Patching/Fabric and HMA Surface Paving Section changing the reference to the detail to Page 5-15 with a revision date of 01/15/2015.
2. Remove Pages 1-3 and replace with revised Page 1-3 adding additional locations under Handicap Ramps that are to be repaired and/or modified with a revision date of 01/15/2015.
3. In Section 3 - Special Provisions - remove Pages 3-18 and 3-19 and replace with revised pages 3-18 and 3-19 revising Item 6005 and 7001. This revision addresses the tree roots and also adds additional information on the measurement and payment. Revision date 01/15/2015.

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Addendum #2
January 16, 2015
Page Two

4. In Section 5 – Details - remove page 5-8 - Extruded Curb and replace with revised page 5-8 - Extruded Curb (For Replacement) with a revision date of 01/15/2015.

Also attached are the Pre-Bid Meeting Minutes for distribution. If you have any questions or if you need additional information, please call Glen Hebel at extension 1344.

GCH/ kjs
Enclosures
cc: File

B. Milling 1 ½", Fabric and HMA 9.5 Surface Paving:

**Regent Drive, Kittering Court, Houndslow Court, Midhurst Court,
Salisbury Court**

1. Remove and replace any deteriorated curb as directed by the Engineer.
2. Place 6" perforated underdrain as directed by the Engineer.
3. Reconstruct or rehabilitate inlets as directed by Engineer.
4. Remove existing pavement to a depth of 1 ½" as directed by Engineer.
5. Adjust utilities as directed by Engineer.
6. Crack seal as directed by Engineer.
7. Place fabric.
8. Resurface with 1 ½" Hot Mix Asphalt Superpave 9.5mm PG 64-22.

C. Patching / Fabric and HMA Surface Paving:

**Fidelity Drive, Amesbury Court, Westminster Court, Coventry Court,
Tavistock Court, Marlow Court, Harmony Terrace, Upland Road, Park Hill
Court**

1. Remove and replace any deteriorated curb as directed by the Engineer.
2. Place 6" perforated underdrain as directed by the Engineer.
3. Excavate for road widening on Harmony Terrace (*see Page 5-15*).
4. Place 7" GAB on Harmony Terrace.
5. Place 12.5 MM HMA Base on Harmony Terrace.
6. Cut and patch as directed by Engineer.
7. Reconstruct or rehabilitate inlets as directed by the Engineer.
8. Adjust utilities as directed by the Engineer.
9. Crack seal as directed by the Engineer.
10. Place fabric.
11. Resurface with 1 ½" Hot Mix Asphalt Superpave 9.5mm PG 64-22.

This contract will also include upgrading Handicap Ramps to current ADA Standards. Existing ramps are to be replaced, repaired or modified:

A. Handicap Ramp Replacement, Repair and/or Modification:

1. The following ramps are to be removed and replaced with the specified Harford County detail:

<u>Intersection</u>	<u>Corner</u>	<u>New Ramp Detail</u>
West Riding Drive at Westminster Court	N&S	S-7
West Riding Drive at Amesbury Court	N&S	S-7
West Riding Drive at Kittering Court	N&S	S-7
West Riding Drive at Regent Drive	S&W	S-7
West Riding Drive at Regent Drive	N&E	S-7
West Riding Drive at Coventry Court	N&S	S-7
West Riding Drive at Houndslow Court	N&S	S-7
West Riding Drive at Cheltenham Lane	N&E	S-7
West Riding Drive at Cheltenham Lane	S	S-8
West Riding Drive at Midhurst Court	N&S	S-7
Regent Drive at Tavistock Court	N&S	S-7
Regent Drive at Cheltenham Lane	S&E	S-7
Regent Drive at Marlow Court	N&W	S-7
Cheltenham Lane at Salisbury Court	N&S	S-7

2. The following ramps are to be repaired and/or modified as specified:

<u>Intersection</u>	<u>Corner</u>	<u>Repair/Modification</u>
West Riding at Cheltenham Lane	W	Surface applied detectable warning device <u>(for each location)</u>
<i>West Riding at Island</i>	<i>E&W</i>	
<i>West Riding at Amesbury Court</i>	<i>E</i>	

NOTICES TO CONTRACTORS

DRIVEWAYS:

Driveways are not to be surfaced to the property line, but shall be adjusted to the limit necessary to meet the new road grade. The driveway adjustments will be made using materials equal to or better than the existing materials. Any roadway removal for tie-in will be incidental to the asphalt quantities.

ITEM 6004 - DETECTABLE WARNING SURFACE FOR CURB RAMPS – SURFACE APPLIED

All work to be performed under this item and payment therefore shall be in accordance with Section 611 of the Standard Specifications, the Supplemental Specifications included in this Invitation for Bids and as modified herein:

This item is for installation of Detectable Warning Surface into handicap ramps at locations indicated on the plans or as directed by the Engineer. This item shall consist of surface applying detectable warning surfaces onto existing handicap ramps.

The detectable warning surface color shall be brick red or cast iron.

ITEM 6005 - REMOVE & REPLACE EXTRUDED CONCRETE CURB

All work to be performed under this item and payment therefore shall be in accordance with Section 602 of the Standard Specifications and as modified herein:

This work shall consist of the removal of deteriorated sections of extruded curb followed by the placement of extruded curb. All work shall be in accordance with these specifications and in reasonably close conformity with the lines and grades of the original curbing.

Following the removal of the existing curb the new curb shall be constructed within three (3) working days.

During removal and replacement of curb, replacement curb must match height of existing curb. Curb machine may only be used at locations approved by the Engineer. The Contractor shall use a minimum 10' length taper to transition the new curb to the existing curb if a curb machine is used.

The new curb shall be placed on top of the hot mix asphalt paving.

Care will be taken during the removal of deteriorated curbing to ensure the surrounding grass planter, concrete sidewalk, existing roadway and/or base material remains undisturbed. The Contractor shall backfill behind the replaced curb with common borrow up to 2" below finished grade. Contractor shall place two inches of top soil and establish turfgrass in accordance with sections 701 and 705. Restoration shall be completed within ten (10) working days upon the installation of the new curb.

Care must be taken when pruning tree roots during construction of curb.

Measurement and Payment: Remove and Replace Extruded Concrete Curb will be measured and paid for by the linear foot and as follows:

Curb will be measured along the finished top of curb at its front or roadside edge.

Price and payment will be full compensation for drainage openings, removal and disposal of existing curb, top soil, turfgrass establishment, ***and pruning of tree roots***, and for all material, labor, tools, equipment and incidentals necessary to complete the work.

Common Borrow to be used as backfill behind curb will be measured and paid by the cubic yard.

The removal of unsuitable material below the subgrade will be measured and paid as Class 1-A Excavation. The replacement with suitable material shall be borrow or select backfill as approved by the Engineer and payment will be made at the contract unit price bid for the respective items.

ITEM 7001 - PLACING TOPSOIL, VARIABLE DEPTH

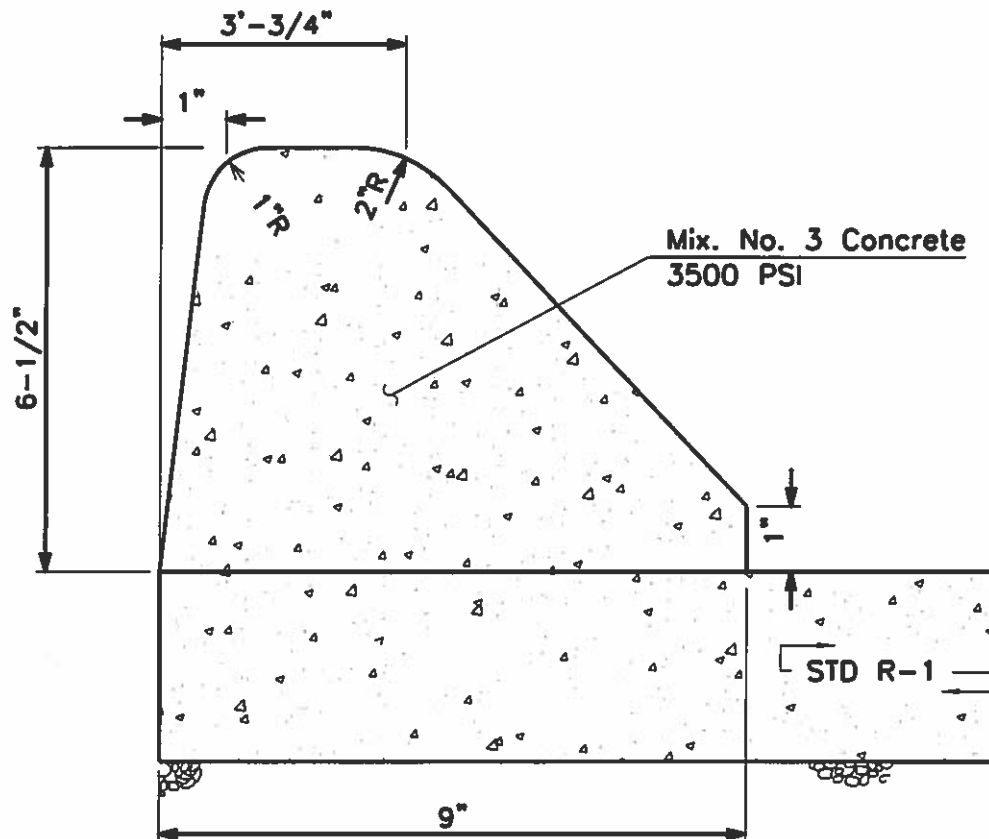
All work to be performed under this item and payment therefore shall be in accordance with Section 701 of the Standard Specifications and as modified herein:

This item is for placing top soil as directed by the Engineer. Top soil shall be furnished per Section 920.01 and shall be sifted to eliminate stones, gravel, stems, weeds, etc. The depth of soil placed is directed by the Engineer. If top soil is to be placed over existing grass, the existing root mat must be removed prior to the placement of top soil.

Measurement and Payment: Placing top soil will be measured and paid at the contract unit price per cubic yard. Price and payment will be full compensation for all material, labor, equipment, tools and incidentals necessary to complete the work.

ITEM 7002 - TURFGRASS ESTABLISHMENT

All work to be performed under this item and payment therefore shall be in accordance with the requirements of Section 705 of the Standard Specifications.



Expansion joint material, to be placed every 50' and at P.C.'s and P.T.'s of all curves.



HARFORD COUNTY, MD
DEPARTMENT OF
PUBLIC WORKS

EXTRUDED CURB
(FOR REPLACEMENT)

BARRY GLASSMAN
HARFORD COUNTY EXECUTIVE

BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



TIMOTHY F. WHITTIE, P.E.
DIRECTOR OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS AND STORMWATER MANAGEMENT

JANUARY 14, 2015

Harford County Bid No. 15-089
Repair and Resurfacing of: Harmony Terrace, etc.
Pre-Bid Meeting Minutes

A pre-bid meeting was held on Wednesday, January 14, 2015 at 10:00 a.m. in the third floor conference room of the Department of Public Works at 212 S. Bond Street, Bel Air, Maryland 21014. Those in attendance were informed of the following:

1. Harford County stated the contents of the contract and scope of work. Those in attendance were informed that the bids are due in the Procurement Department by Wednesday, February 11, 2015 by 1:00 p.m. Bids are opened that day at 1:30 p.m. in the second floor conference room. Questions for this bid should be emailed to Dan Guthrie and are due by Wednesday, January 21, 2015. Questions and responses will be posted as an addendum on the bid board. There is a pre-qualification for this bid; you must be pre-qualified in A-2 Highway Paving/Bituminous. Completion time is (40) forty working days from the notice to proceed.
2. Harford County stated that this is a repair and resurfacing of the roads listed in the contract mainly consisting of milling, paving, patching, fabric and hot mix asphalt overlay. On one road in the contract, Harmony Terrace, we are doing some widening on the inside of the cul-de-sac; there is a detail in the book. There is an error on Page 1-2 – it says "excavate the road widening (see Plate #R-1), it should refer to Page 5-15 and on page 5-15 there is a sketch for Harmony Terrace widening and this shows what we are looking for.

The following questions were asked:

1. A Contractor asked for clarification regarding Items 6001 and 6005 which states that the top soil will be incidental to the items; Item 7001 top soil item states that top soil is for areas adjacent to new curb. If it is incidental in the curb item but the top soil item says it's for new curb where should the money for top soil be placed? A contractor stated that he would like to see the top soil paid for, since some places you might use more top soil than other places.

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The County stated that they would look into this and revise in an addendum. After further review, the County will revise Item 7001 and will remove the reference to new curb. Item 7001 is intended to replace top soil adjacent to shoulder areas. All top soil to be placed behind the curb will be incidental to the curbing items 6001 and 6005.

2. **A Contractor asked about the tree roots that are growing over top of the curb but we are not supposed to damage the tree roots; how do we handle that situation. There are a lot of tree roots located in the West Riding area that is over the top of the curb.**

The County stated that they would investigate and will address this.

After further review, the County will note in our addendum that pruning of tree roots may be necessary during removal and replacement of extruded curb with this cost incidental to the curb item. Contractor is advised that the County anticipates multiple locations where curb is displaced due to tree roots that will need pruning as part of curb replacement.

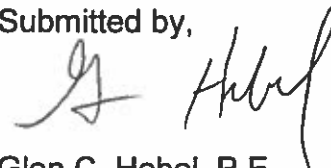
3. **A Contractor asked if an item could be added for taper; milling against extruded curb.**

The County stated that this would be investigated. After further review, no item will be needed for taper milling. Curb will be replaced as directed by the Engineer where curb reveal is an issue.

4. **A Contractor asked if 4"x4" key was necessary when placing new concrete curb.**

The County replied that the key is not needed. Note that extruded curb detail will be revised in an addendum.

Submitted by,



Glen C. Hebel, P.E.
Project Manager

GCH/ kjs
cc: File: